INDEX.

Buchheim, Arthur. A Memoir on Biquaternions,
Cayley, A. A Memoir on Seminvariants,
Tables of the Symmetric Functions of the Roots, to the Degree 10, for the Form
$1 + bx + \frac{cx^2}{1.2} + \dots = (1 - \alpha x)(1 - \beta x)(1 - \gamma x) \dots \qquad (47)$
Non-Unitary Partition Tables,
Seminvariant Tables,
A Memoir on the Abelian and Theta-Functions (Chapter IV-VII), continued
from Vol. V,
CRAIG, THOMAS. On a Certain Class of Linear Differential Equations, 279
Daniels, A. L. Third Note on Weierstrass' Theory of Elliptic Functions, 82
Franklin, F. Note on the Theorem $e^{ix} = \cos x + i \sin x$,
Proof of a Theorem of Tchebycheff's on Definite Integrals, 377
GLASHAN, J. C. Notes on the Quintic,
Gomes-Teixeira, F. Note sur les Nombres de Bernoulli,
HAMMOND, J. On the Syzygies of the Binary Sextic and their Relations, 327
Jenkins, Morgan. Note on Prof. Sylvester's "Constructive Theory of Partitions," 74
JOHNSON, WM. WOOLSEY. Reduction of Alternating Functions to Alternants, . 345
On a Formula of Reduction for Alternants of the Third Order, 347
On the Calculation of the Co-factors of Alternants of the Fourth Order, . 380
MacMahon, P. A. On Perpetuants,
A Second Paper on Perpetuants,
NIXON, H. B., AND FIELDS, J. C. Bibliography of Linear Differential Equations, . 353
Peirce, C. S. On the Algebra of Logic,
Poincaré, H. Sur les Equations Linéaires aux Différentielles ordinaires et aux
Différences finies,
Seelhoff, P. Prüfung grösserer Zahlen auf ihre Eigenschaft als Primzahlen, . 264
STORY, WILLIAM E. The Addition-Theorem for Elliptic Functions, 364
Veneziani, C. Extrait d'une Lettre de M. Hermite. Note to same, 168
Young, George Paxton. Solution of Solvable Irreducible Quintic Equations,
without the aid of a Resolvent Sextic,
Solvable Irreducible Equations of Prime Degrees,

ERRATA.

VOL. VI.

Page 65, Contents 2. For "the particular cognate forms" read "the unequal particular cognate forms."

" 70. The fourth line should be

 $f(\omega_1, \theta_1, \text{ etc.}) = h_1 \omega_1^{n-1} + h_2 \omega_1^{n-2} + \ldots + h_n.$

" 101, line 13. For "by Cor. Prop. XIV" read "by Cor. Prop. XIII."

VOL. VII.

Page 4. In the third and fourth lines from top, for 126 read 136.

- " 210. Tenth line from bottom, for "on verrait que y étant" read "on verrait que y étant."
- " 211. First line below the three equations, for "reconnaitraît" read "reconnaîtrait."
- " 219. Line above equation (2), for "on" read "ou."
- " 222. Seventh line from top, for "on" read "ou."
- " 228. First line above formulæ near middle of the page, for "différe" read "diffère."
- " 244. First line above equation (5), for "qui" read "que."
- " 248. First line above formula Q_i = &c., for "la coëfficient" read "le coefficient."
- " 255. Ninth line from bottom, for "considerons" read "considérons."
- " 296. In the three first equations of 2, for X read χ .

